

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122218\
 Data File : VN053140.D
 Acq On : 22 Dec 2018 18:32
 Operator : MD\SY
 Sample : J6426-07ME 10X
 Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-2430-01ME

Manual Integrations
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 12/24/2018 12:21:26 PM

Quant Time: Jan 05 06:18:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1266834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1931308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1716580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	738967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	619948	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	7.59	113	506320	57.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.78%	
50) Toluene-d8	10.09	98	2345436	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	776873	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.66	56	74975	2.369	ug/l #	62
39) Methylcyclohexane	9.08	83	139736	6.205	ug/l	97
52) Toluene	10.15	92	17785069m	520.390	ug/l	
65) Chlorobenzene	11.44	112	28570	0.751	ug/l	97
67) Ethyl Benzene	11.51	91	10560724	161.383	ug/l	100
68) m/p-Xylenes	11.61	106	20478301m	823.179	ug/l	
69) o-Xylene	11.95	106	7320614	306.666	ug/l	95
73) Isopropylbenzene	12.25	105	304926	5.274	ug/l	100
78) n-propylbenzene	12.59	91	521662	7.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	623252	13.225	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1759658	37.143	ug/l	100
85) sec-Butylbenzene	13.17	105	66356	1.177	ug/l #	69
86) p-Isopropyltoluene	13.29	119	554616	11.385	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	24931	0.926	ug/l #	17
89) n-Butylbenzene	13.62	91	89789	2.143	ug/l #	69
93) 1,2,4-Trichlorobenzene	14.91	180	259939	19.961	ug/l #	91
95) Naphthalene	15.13	128	779700	27.367	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	58133	5.326	ug/l #	34

(#) = qualifier out of range (m) = manual integration (+) = signals summed

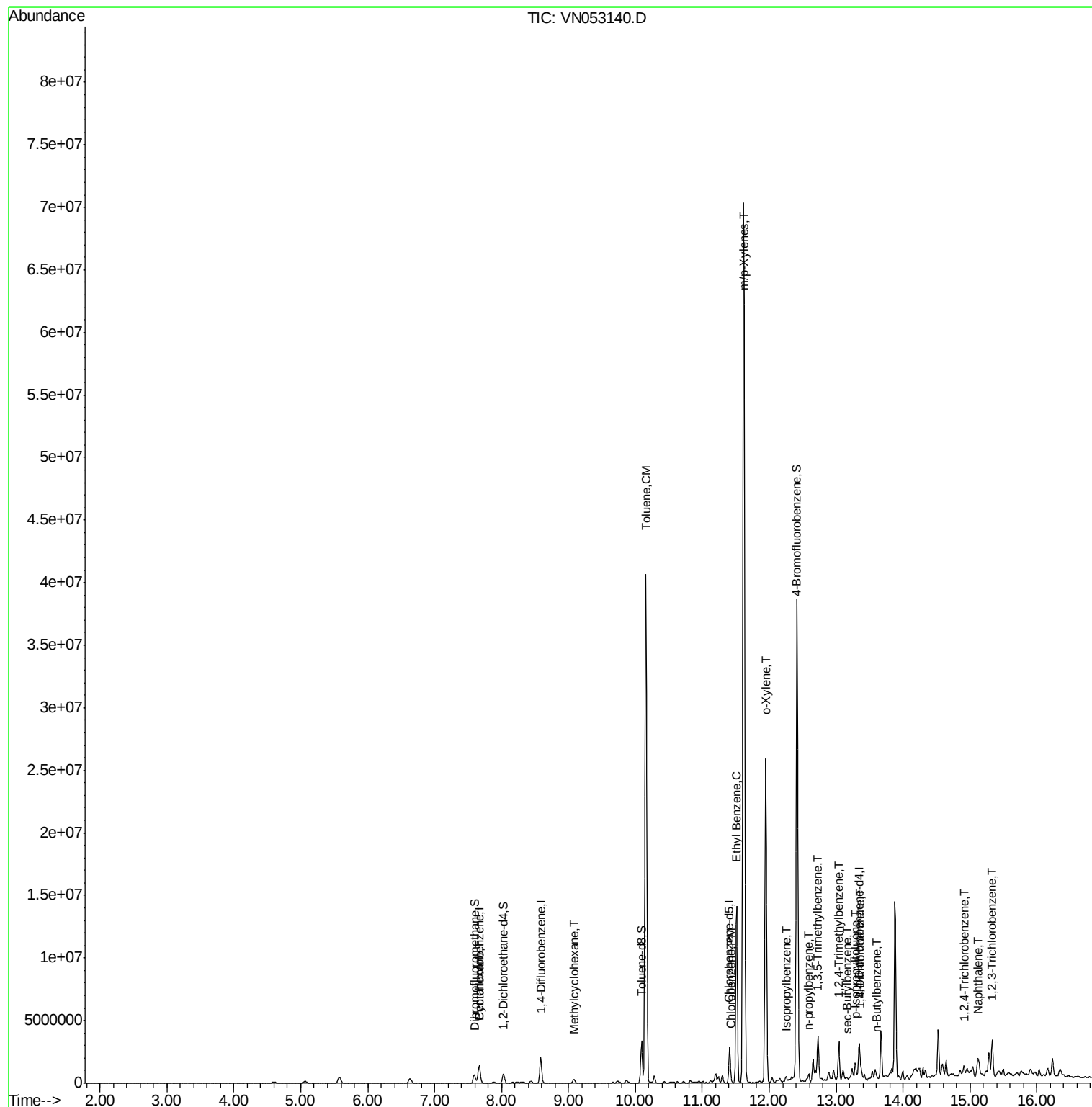
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN122218\
Data File : VN053140.D
Acq On : 22 Dec 2018 18:32
Operator : MD\SY
Sample : J6426-07ME 10X
Misc : 6.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 28

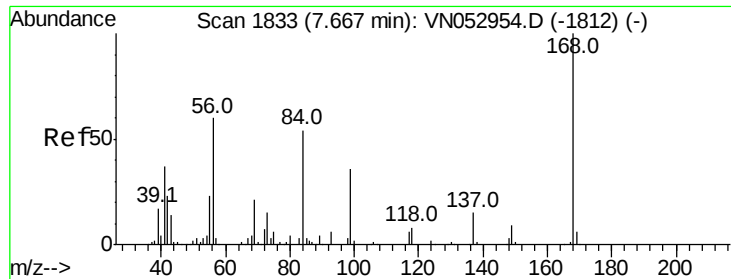
Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-2430-01ME

Manual Integrations
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12/24/2018 12:21:26 PM

Quant Time: Jan 05 06:18:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-2430-01ME

Tot Ion:168 Resp: 1266834

Ion Ratio Lower Upper

168 100

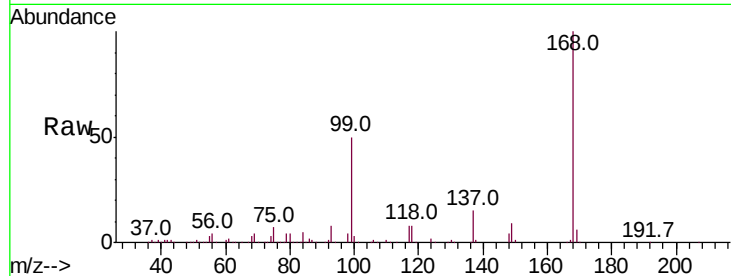
99 49.5 40.2 60.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

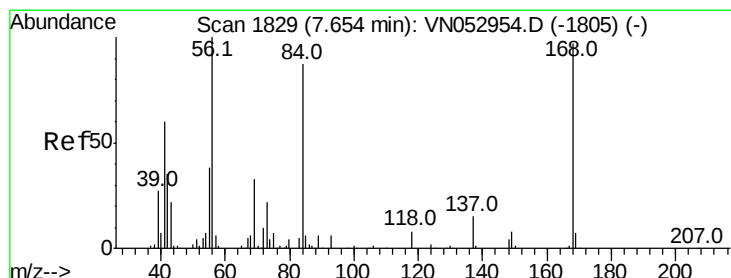
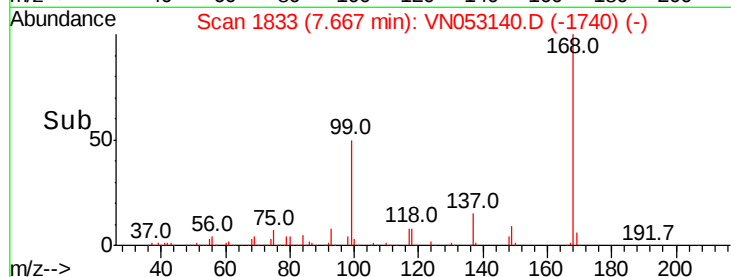
300000

200000

100000

0

Time-->



#31

Cyclohexane

Concen: 2.369 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

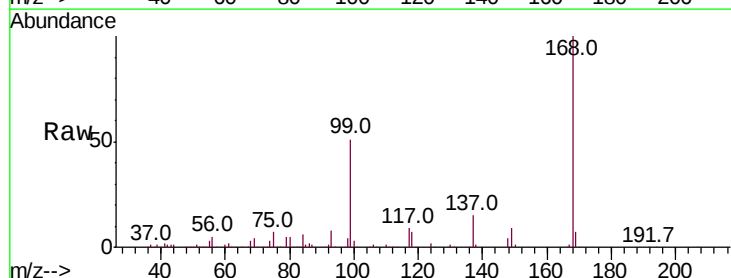
Tgt Ion: 56 Resp: 74975

Ion Ratio Lower Upper

56 100

69 78.5 26.6 39.8#

84 105.2 68.4 102.6#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

7.66

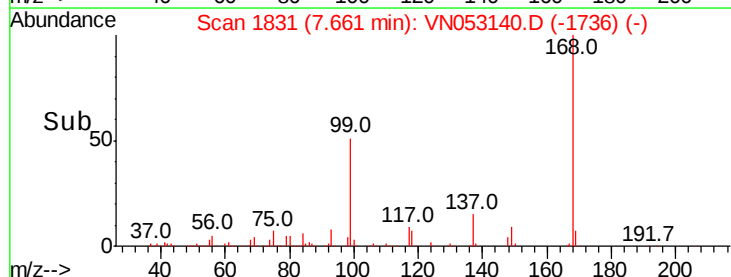
30000

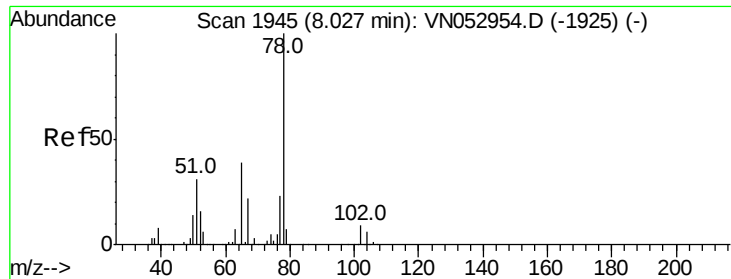
20000

10000

0

Time-->





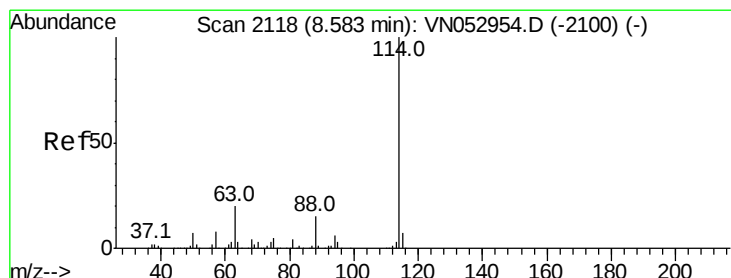
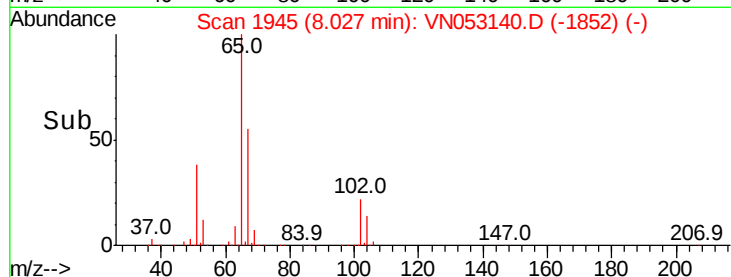
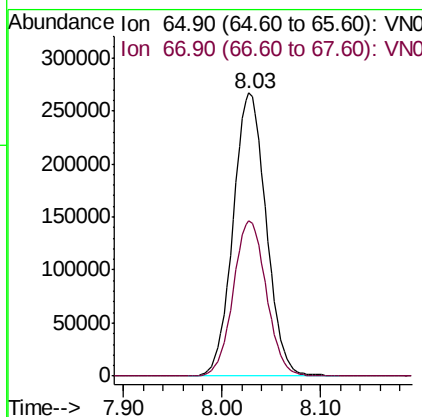
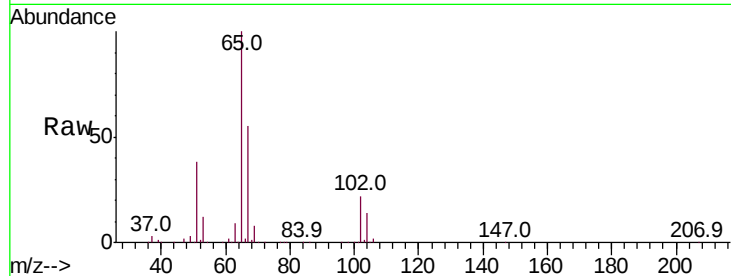
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-2430-01ME

Tot Ion: 65 Resp: 619948
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4

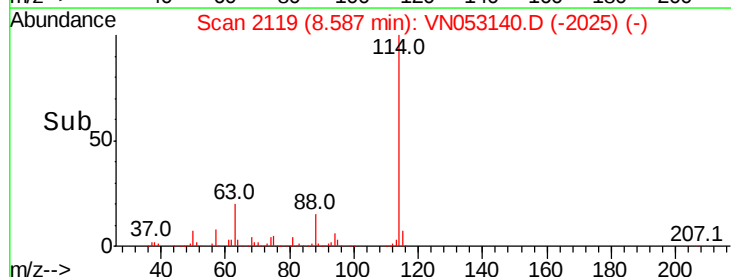
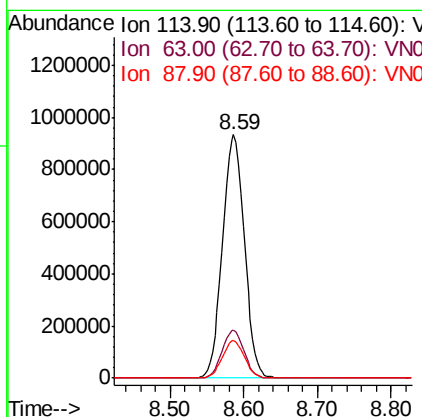
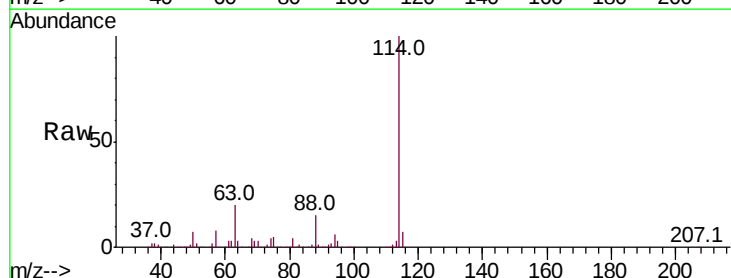
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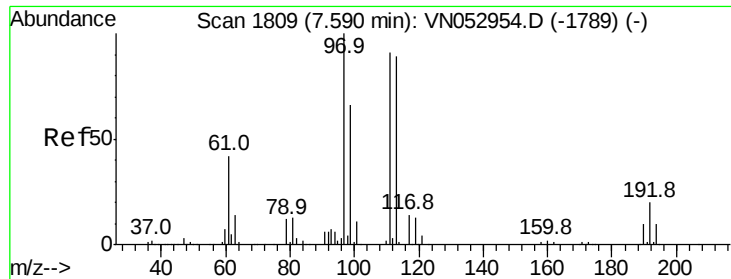
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Tgt Ion: 114 Resp: 1931308
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.0





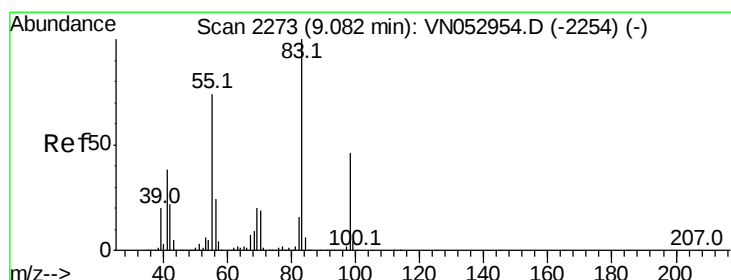
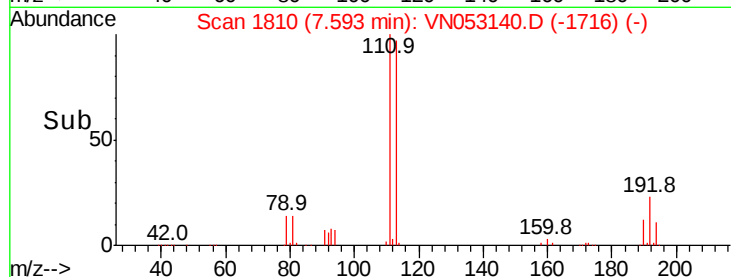
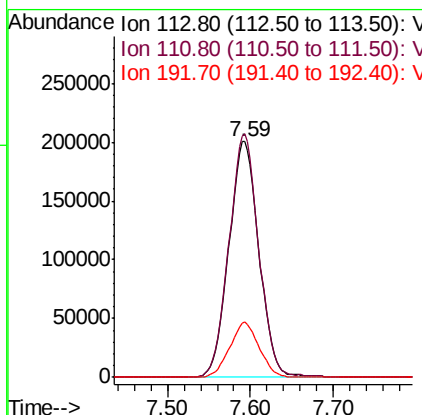
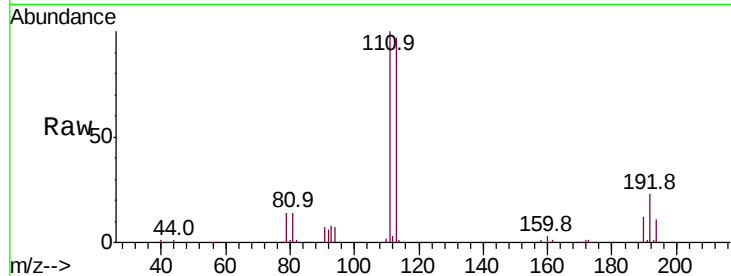
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-2430-01ME

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	22.9	17.5	26.3

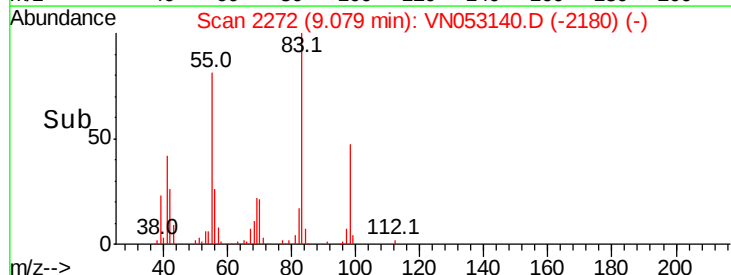
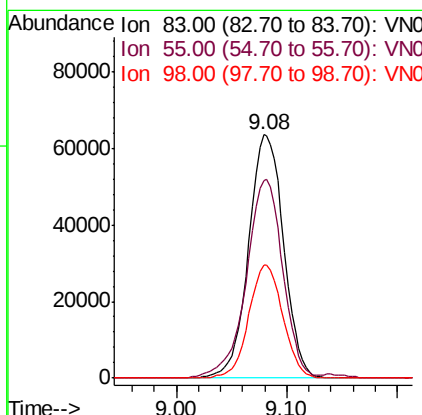
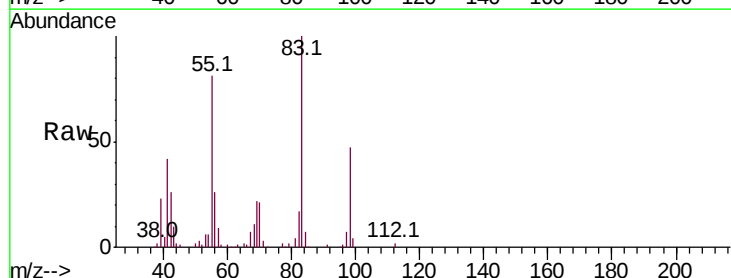
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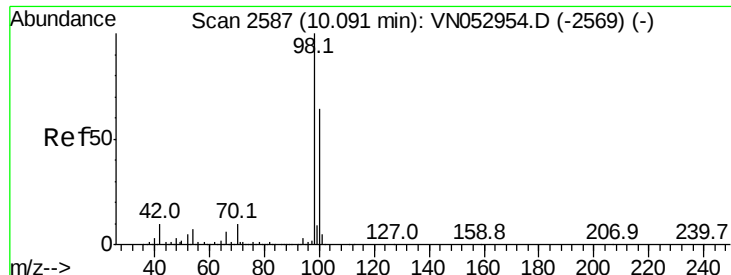
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#39
Methylcyclohexane
Concen: 6.205 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.1	61.3	91.9
98	46.5	37.0	55.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-2430-01ME

Tot Ion: 98 Resp: 2345436

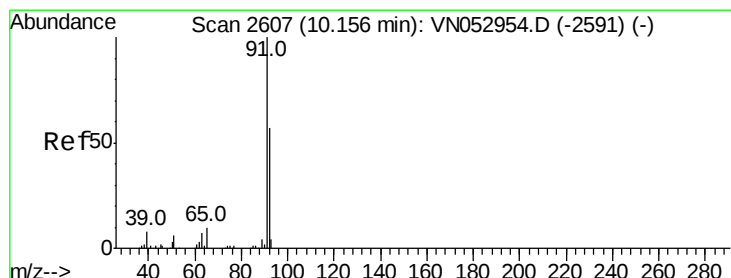
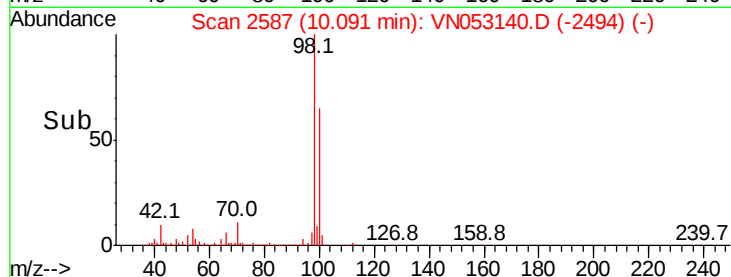
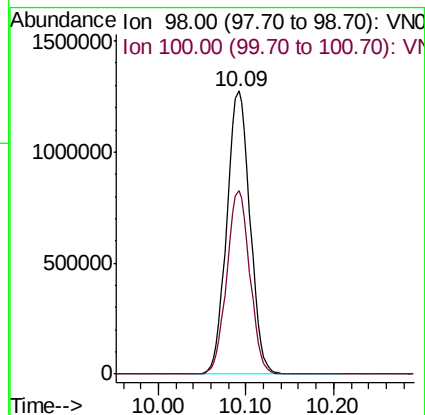
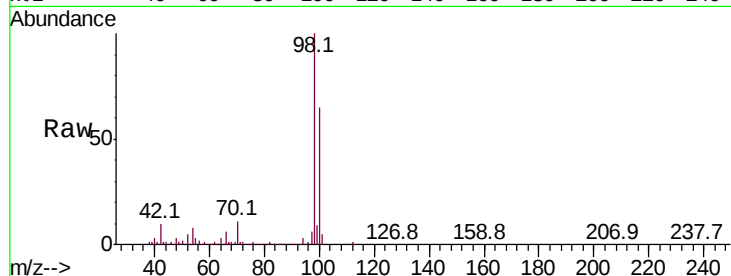
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

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#52

Toluene

Concen: 520.390 ug/l m

RT: 10.15 min Scan# 2605

Delta R.T. -0.01 min

Lab File: VN053140.D

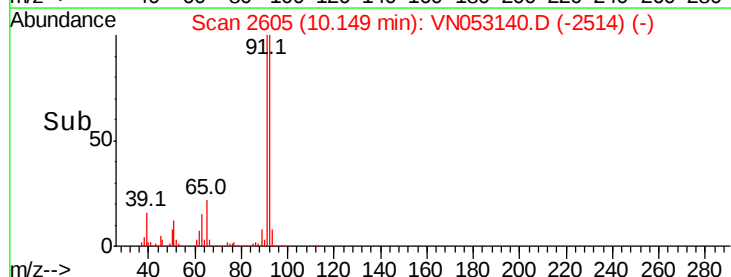
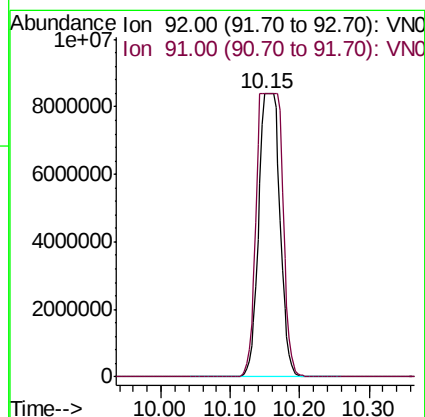
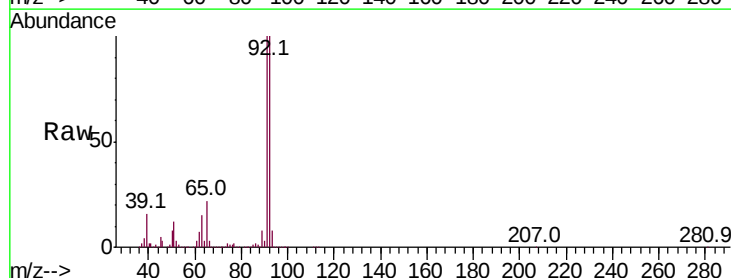
Acq: 22 Dec 2018 18:32

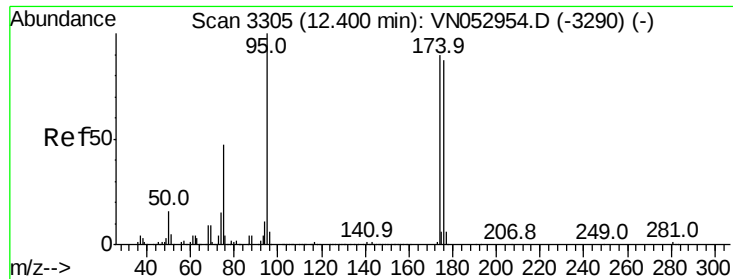
Tgt Ion: 92 Resp: 17785069

Ion Ratio Lower Upper

92 100

91 0.0 139.8 209.6#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-2430-01ME

Tot Ion: 95 Resp: 776873

Ion Ratio Lower Upper

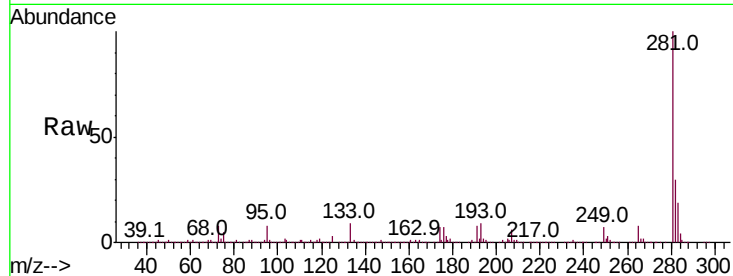
95 100

174 87.7 0.0 178.8

176 99.6 0.0 173.8

Manual Integrations
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Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

12.40

600000

500000

400000

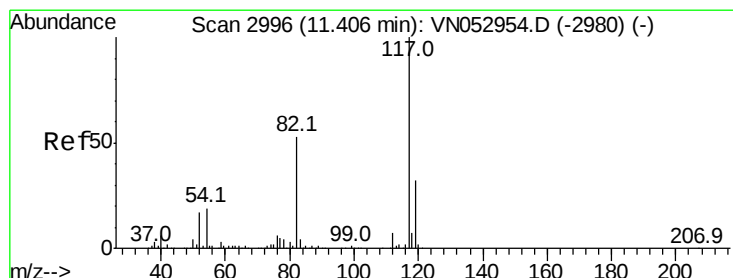
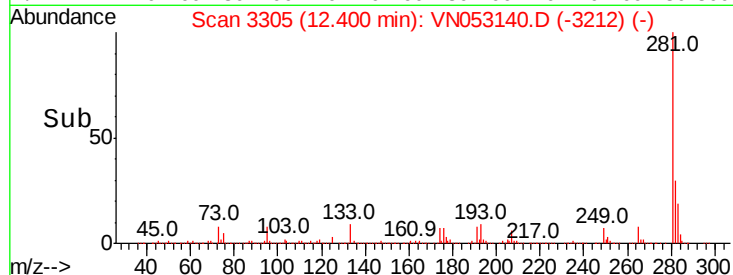
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

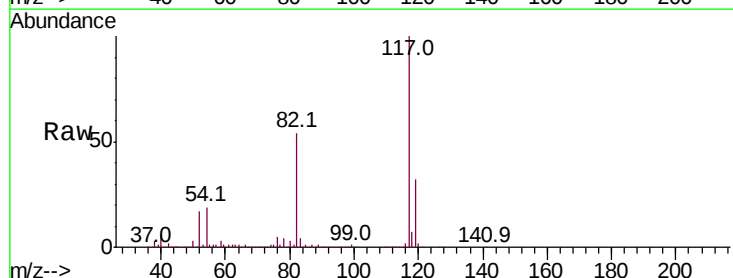
Tgt Ion: 117 Resp: 1716580

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

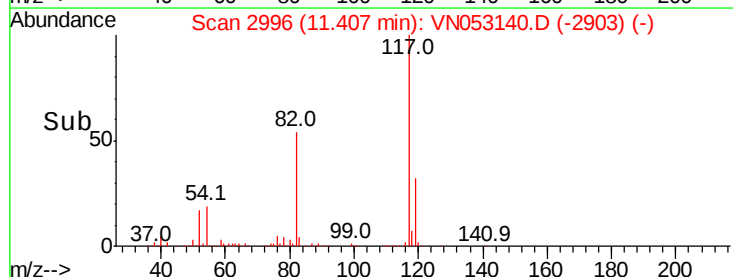
11.41

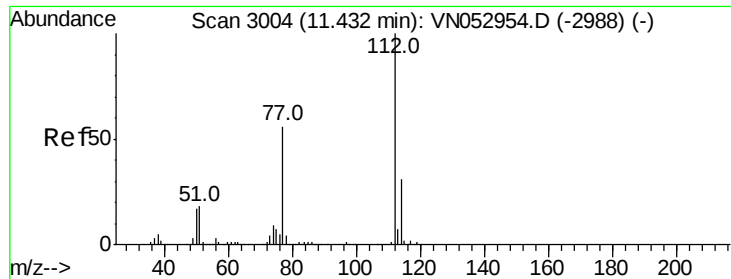
1000000

500000

0

Time-->





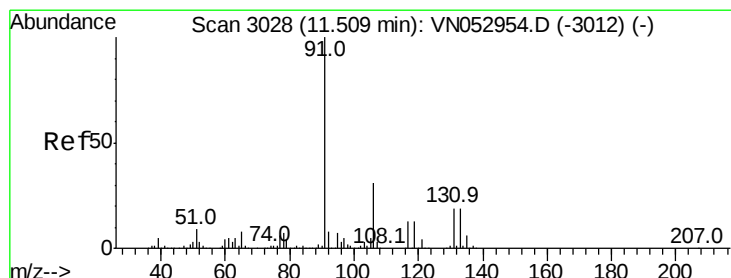
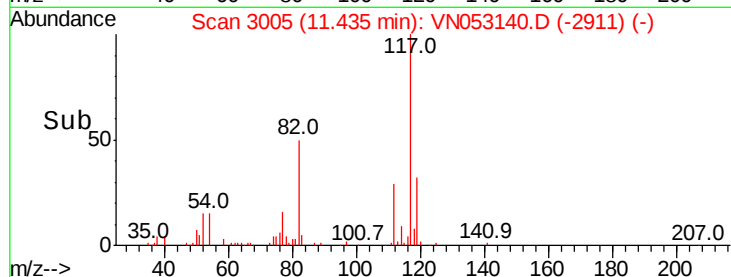
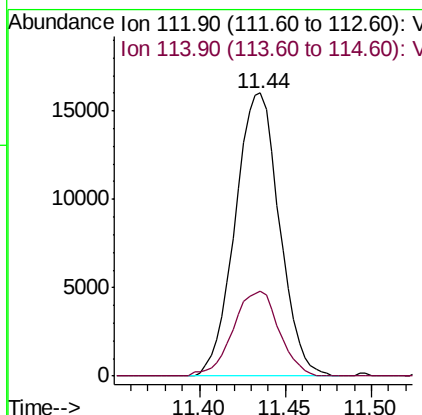
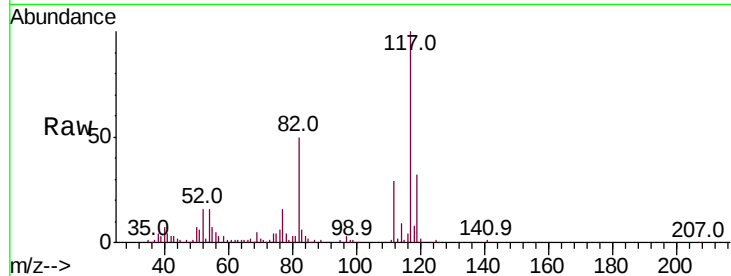
#65
Chlorobenzene
Concen: 0.751 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-2430-01ME

Tot Ion:112 Resp: 28570
Ion Ratio Lower Upper
112 100
114 30.0 25.5 38.3

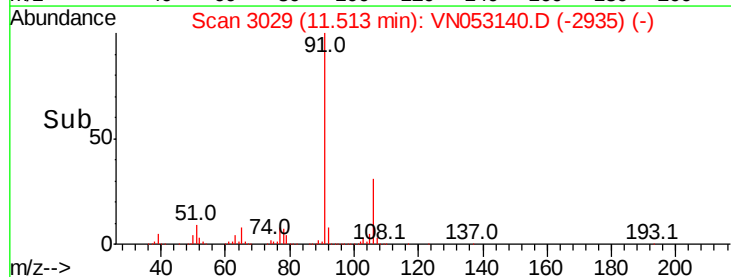
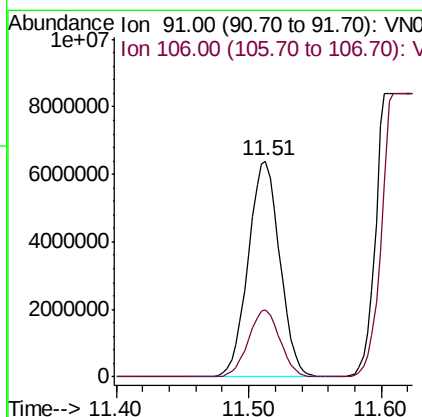
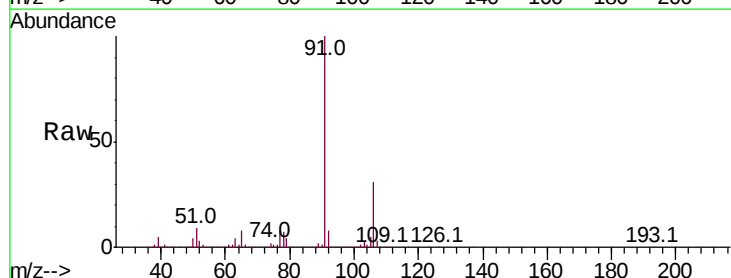
Manual Integrations
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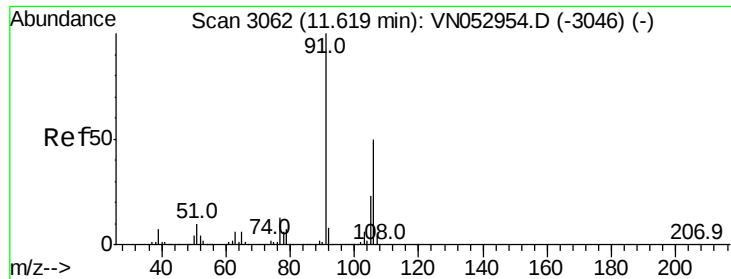
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#67
Ethyl Benzene
Concen: 161.383 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Tgt Ion: 91 Resp:10560724
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3





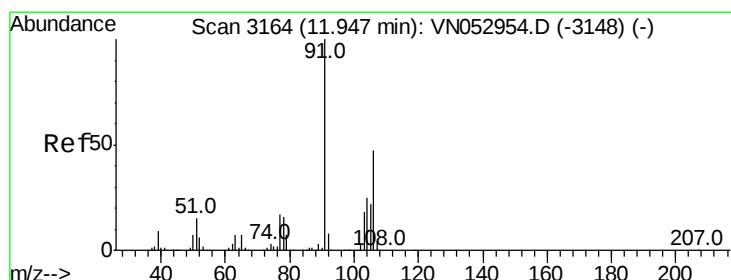
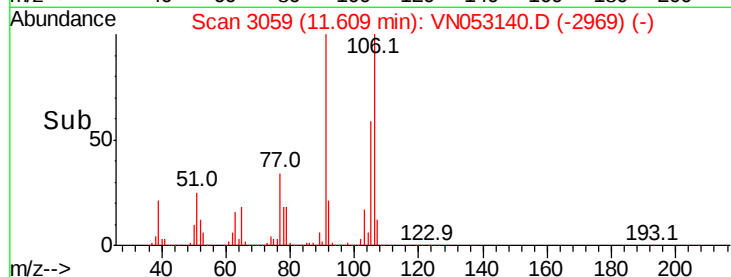
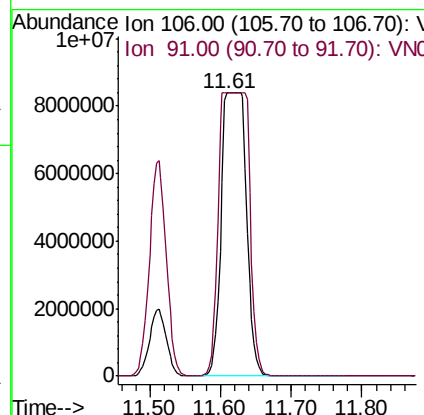
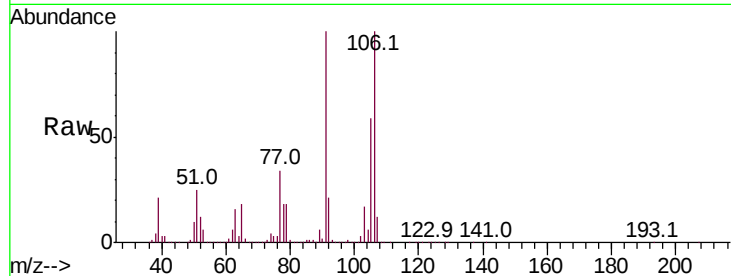
#68
m/p-Xylenes
Concen: 823.179 ug/l m
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Instrument :
MSVOA_N
ClientSampleId :
P001-SS013-2430-01ME

Tot Ion:106 Resp:20478301
Ion Ratio Lower Upper
106 100
91 51.6 162.2 243.4#

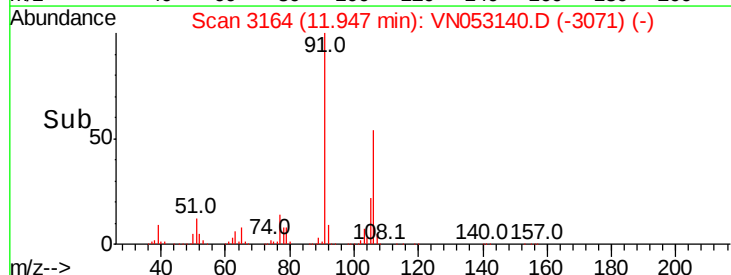
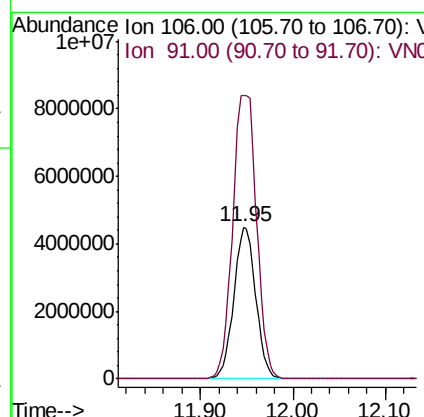
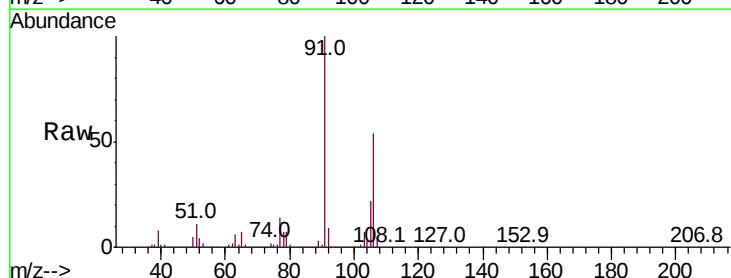
Manual Integrations
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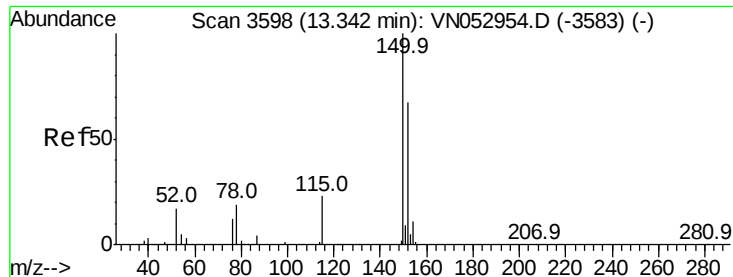
MMDadoda
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#69
o-Xylene
Concen: 306.666 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053140.D
Acq: 22 Dec 2018 18:32

Tgt Ion:106 Resp: 7320614
Ion Ratio Lower Upper
106 100
91 205.5 106.6 319.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

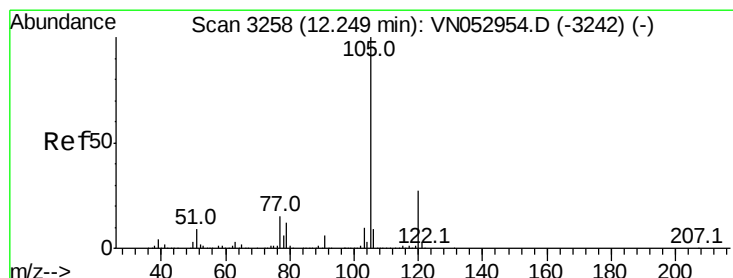
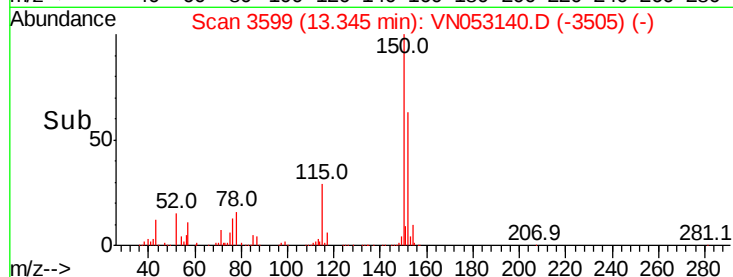
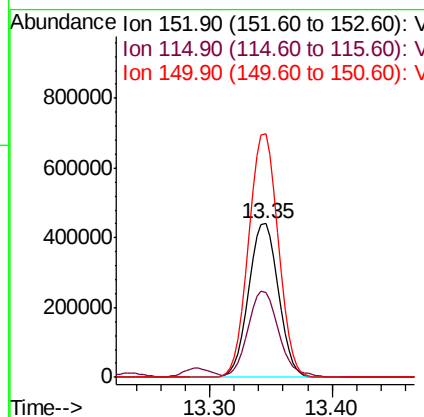
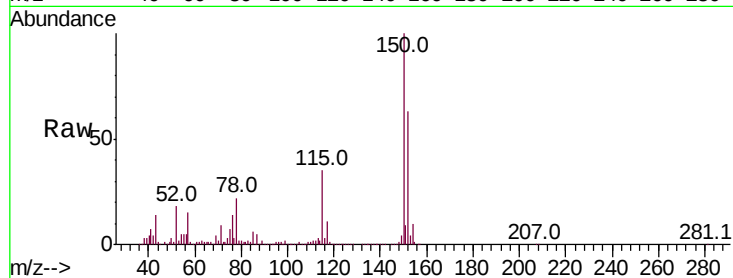
ClientSampleId :

P001-SS013-2430-01ME

Tot Ion:	152	Resp:	738967
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.3	85.0
150	157.1	0.0	347.8

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#73

Isopropylbenzene

Concen: 5.274 ug/l

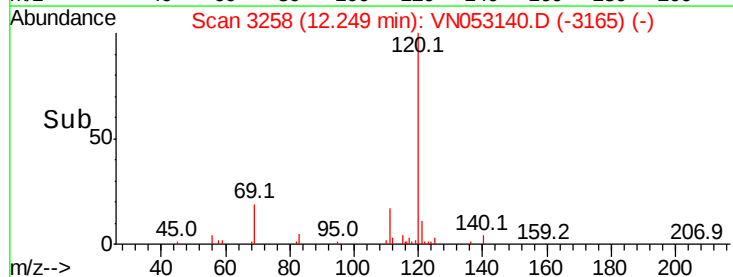
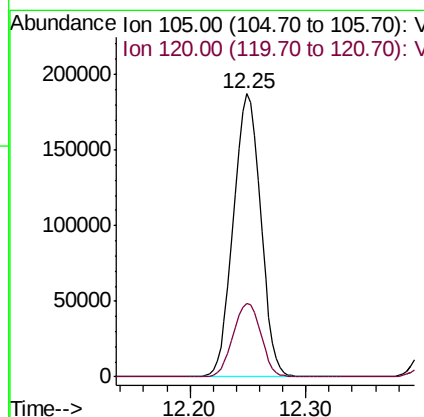
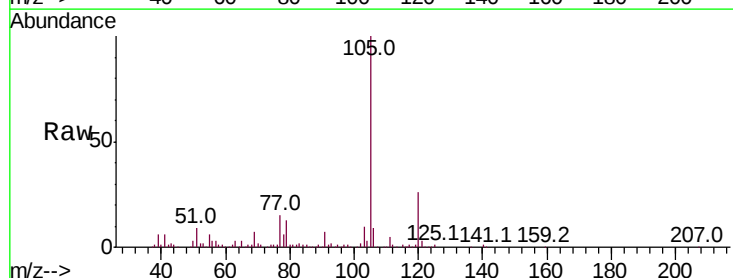
RT: 12.25 min Scan# 3258

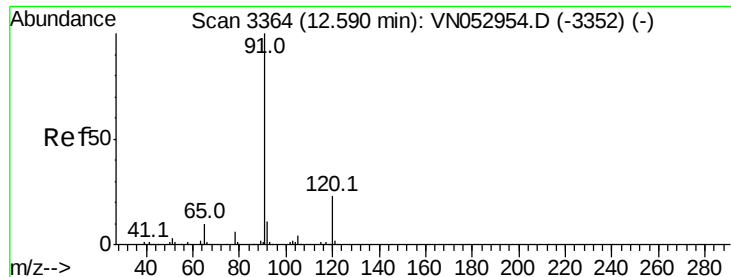
Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Tgt Ion:	105	Resp:	304926
Ion Ratio	Lower	Upper	
105	100		
120	26.4	13.3	39.9





#78

n-propylbenzene

Concen: 7.922 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

ClientSampleId :

P001-SS013-2430-01ME

Tot Ion: 91 Resp: 521662

Ion Ratio Lower Upper

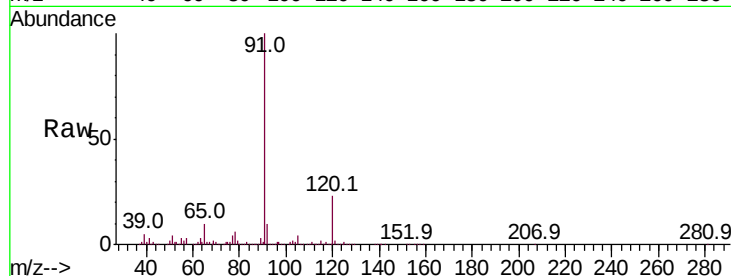
91 100

120 23.5 11.5 34.5

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Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3352) (-)

12.59

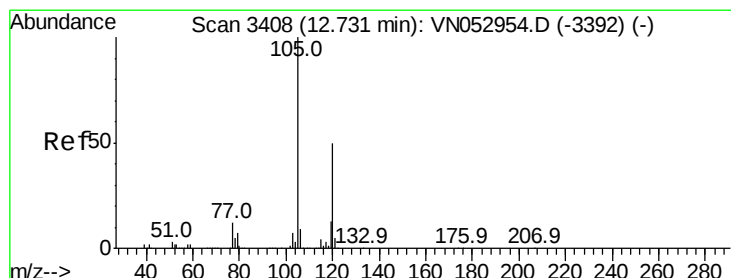
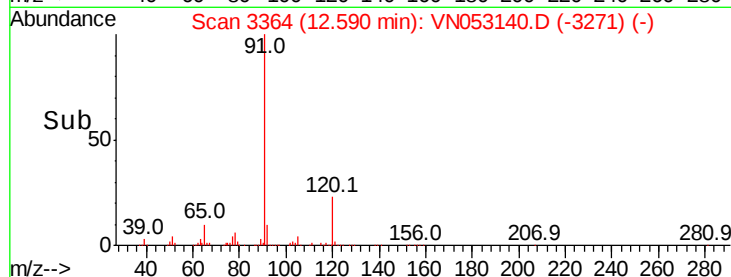
300000

200000

100000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 13.225 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053140.D

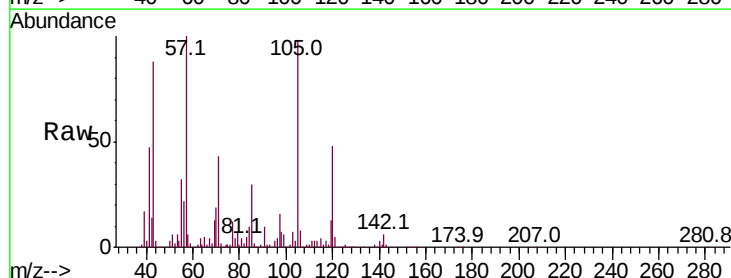
Acq: 22 Dec 2018 18:32

Tgt Ion: 105 Resp: 623252

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)

12.73

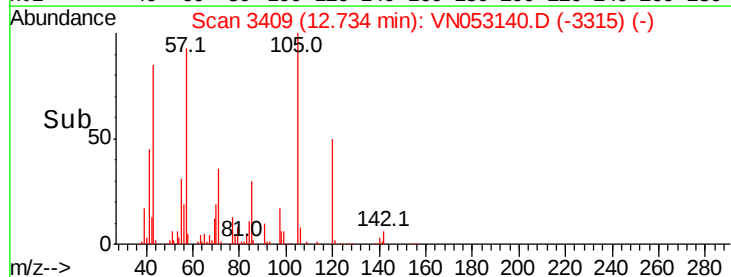
600000

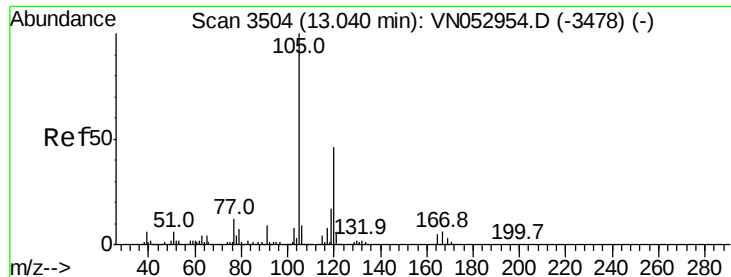
400000

200000

0

Time-->





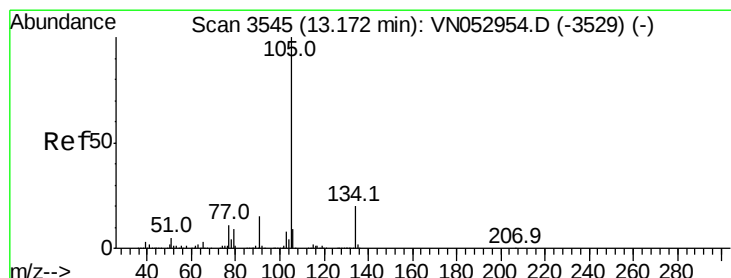
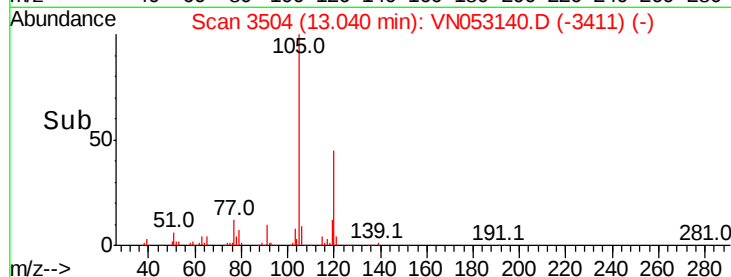
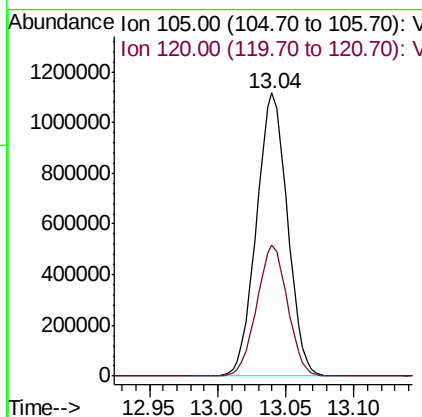
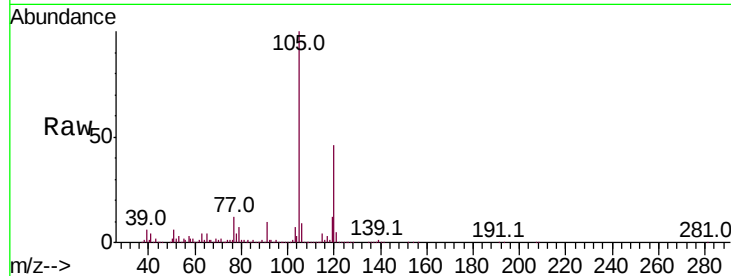
#84
 1,2,4-Trimethylbenzene
 Concen: 37.143 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-2430-01ME

Tot Ion:105 Resp: 1759658
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8

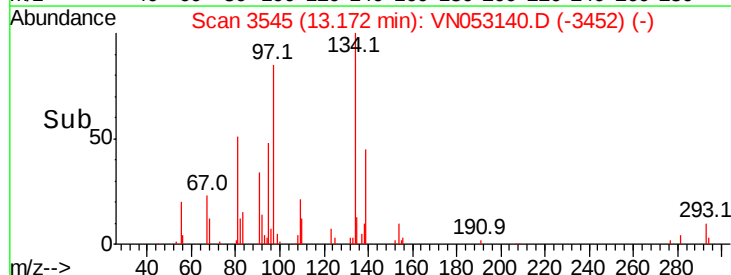
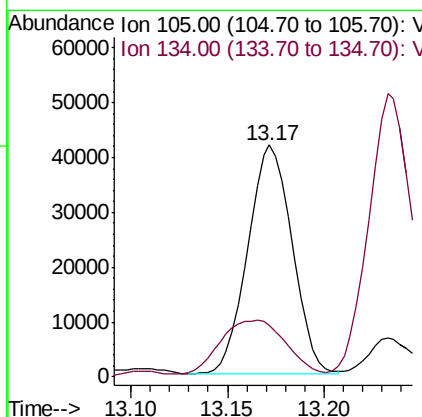
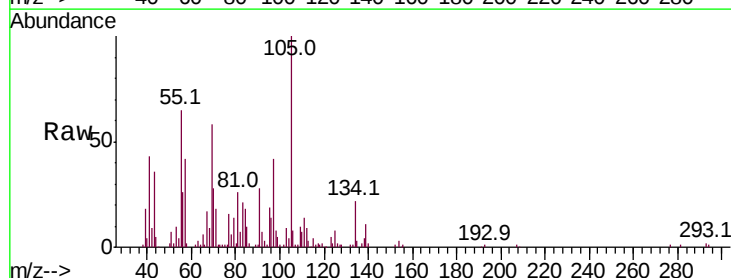
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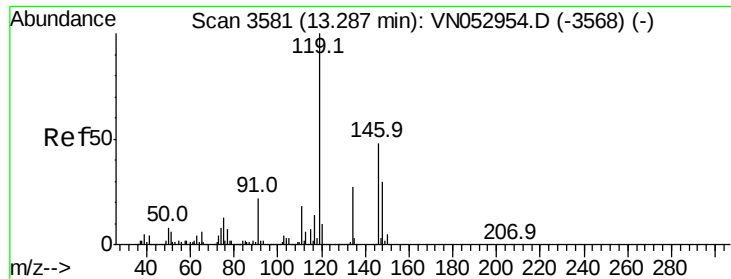
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#85
 sec-Butylbenzene
 Concen: 1.177 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Tgt Ion:105 Resp: 66356
 Ion Ratio Lower Upper
 105 100
 134 34.5 10.1 30.3#





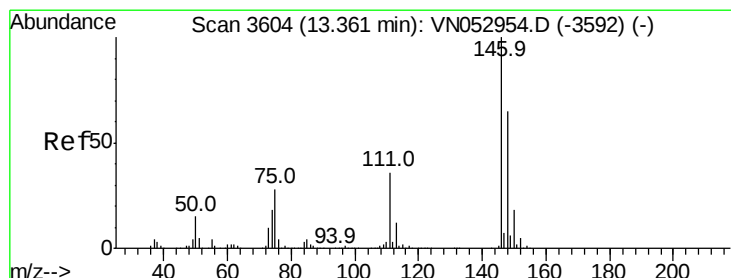
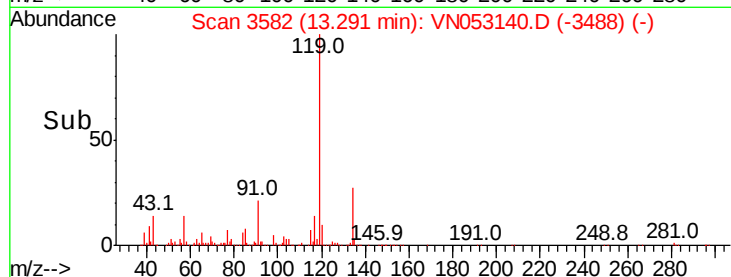
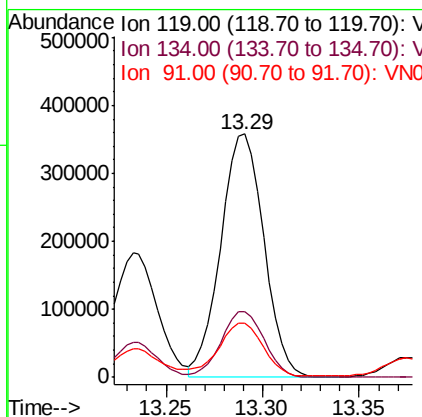
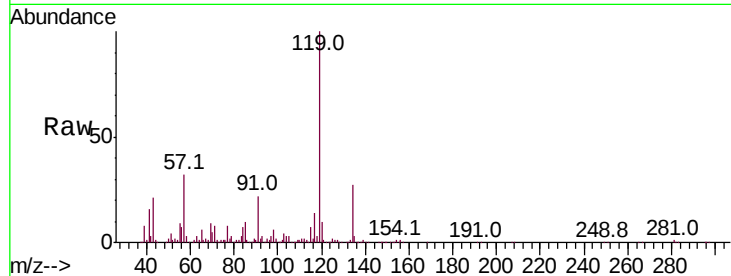
#86
 p-Isopropyltoluene
 Concen: 11.385 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-SS013-2430-01ME

Tot Ion	Ratio	Resp	Lower	Upper
119	100	554616		
134	26.9		13.4	40.2
91	22.4		11.1	33.3

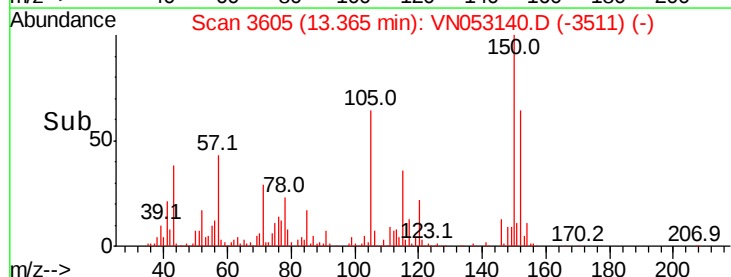
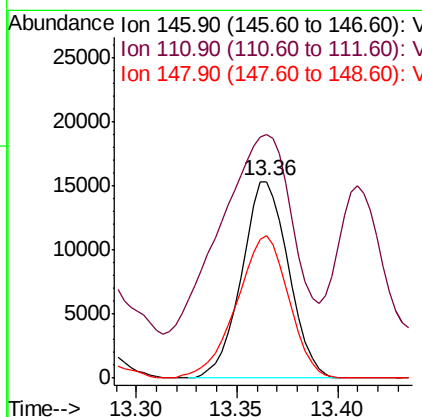
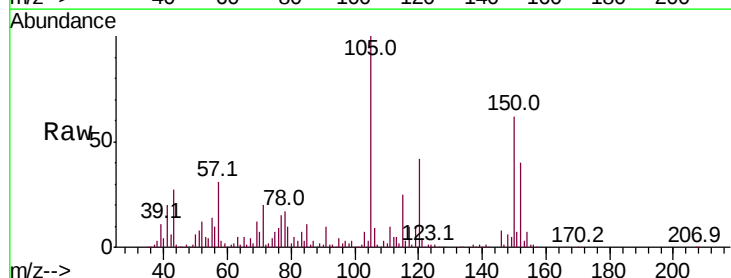
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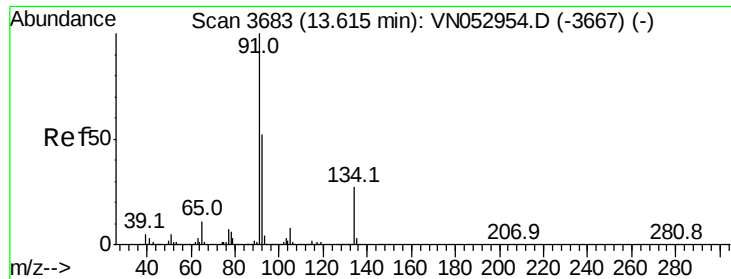
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#88
 1,4-Dichlorobenzene
 Concen: 0.926 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053140.D
 Acq: 22 Dec 2018 18:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	24931		
111	150.5		18.6	55.8#
148	80.5		32.1	96.5





#89

n-Butylbenzene

Concen: 2.143 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

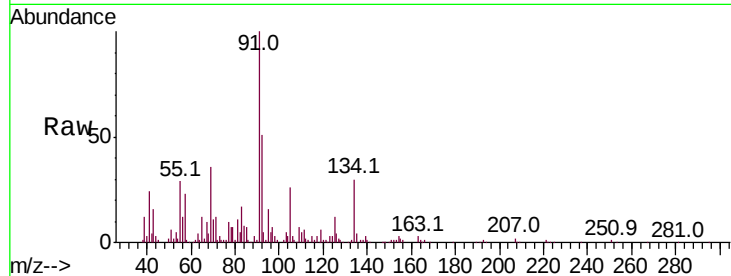
ClientSampleId :

P001-SS013-2430-01ME

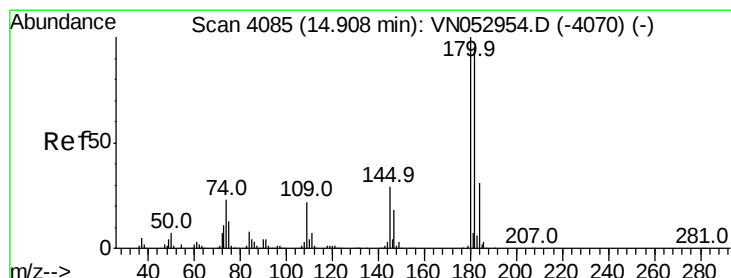
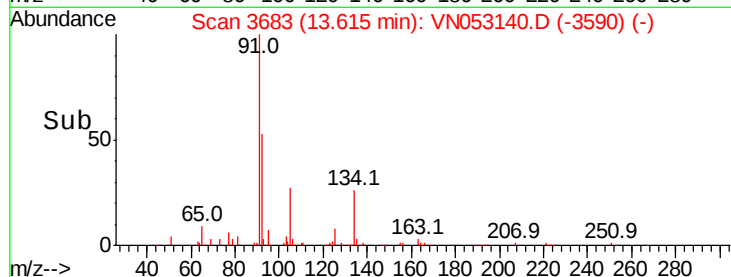
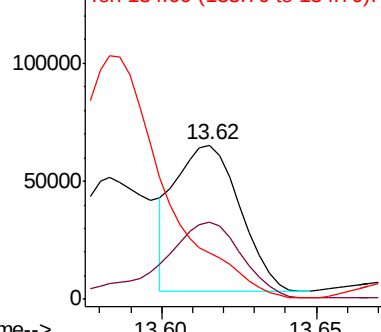
Tot Ion:	91	Resp:	89789
Ion Ratio	Lower	Upper	
91	100		
92	67.1	26.3	78.9
134	0.0	13.3	39.8#

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3667) (-)



#93

1,2,4-Trichlorobenzene

Concen: 19.961 ug/l

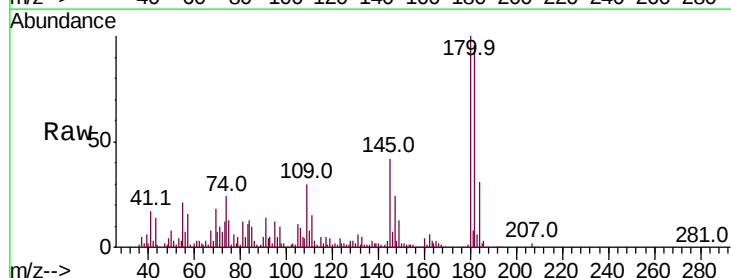
RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

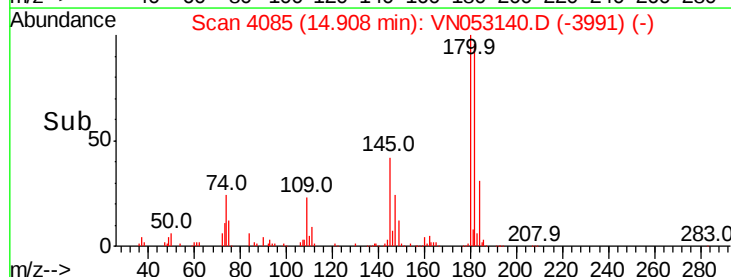
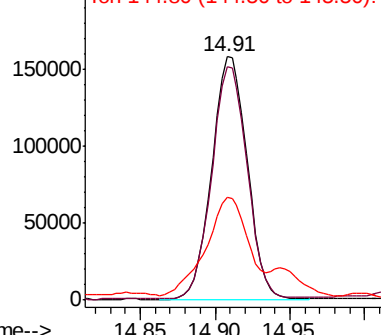
Lab File: VN053140.D

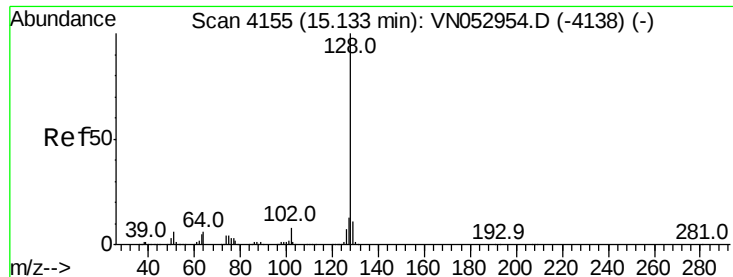
Acq: 22 Dec 2018 18:32

Tgt Ion:	180	Resp:	259939
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.3
145	47.6	14.2	42.6#



Abundance Ion 179.80 (179.50 to 180.50): VN052954.D (-4070) (-)





#95

Naphthalene

Concen: 27.367 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Instrument :

MSVOA_N

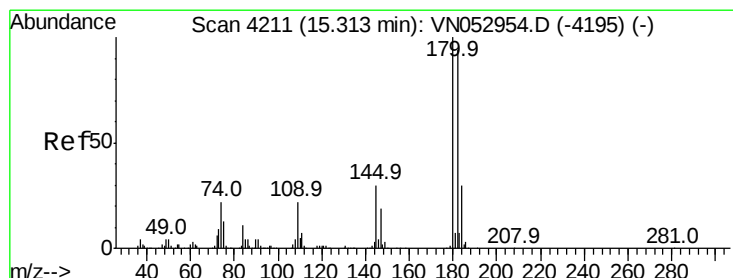
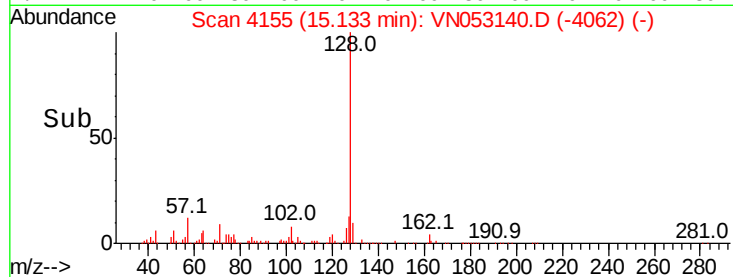
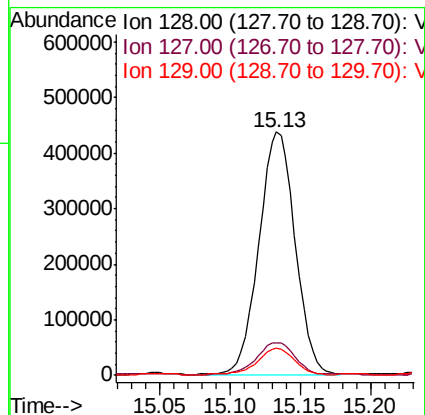
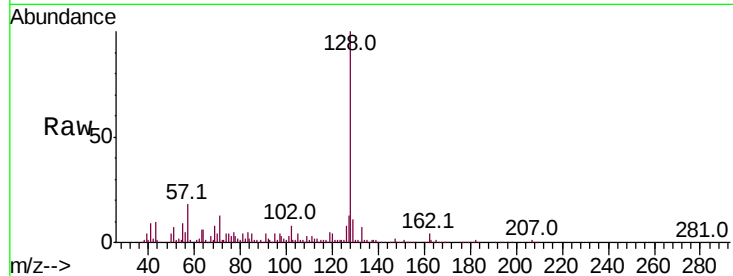
ClientSampleId :

P001-SS013-2430-01ME

Tot Ion:	128	Resp:	779700
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	11.1	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 5.326 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053140.D

Acq: 22 Dec 2018 18:32

Tgt Ion:	180	Resp:	58133
Ion Ratio	Lower	Upper	
180	100		
182	82.5	47.9	143.7
145	156.6	15.0	45.0#

